SONY

3-810-906-12(1)

Mini Hi-Fi Component System

Operating Instructions

COMPACT disc DIGITAL AUDIO

MHC-G100

©1996 by Sony Corporation

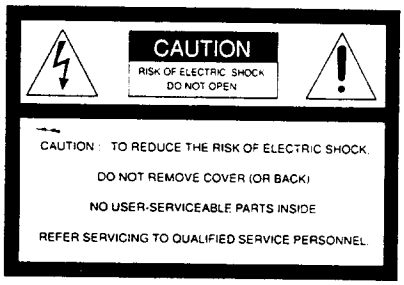
WARNING

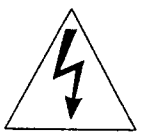
To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

NOTICE FOR THE CUSTOMERS IN THE U. S. A.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Owner's Record

The model and serial numbers are located on the rear panel. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.
Model No. MHC-G100 Serial No.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

CAUTION

The use of optical instruments with this product will increase eye hazard.

Note to CATV system installer:

This reminder is provided to call CATV system installer's attention to Article 820-40 of the NEC that provides guidlines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

NOTICE FOR THE CUSTOMERS IN CANADA

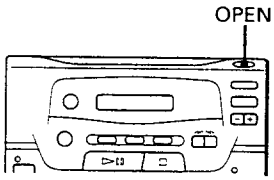
CAUTION:

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

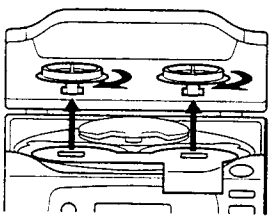
Before Operating the Unit

The CD changer carousel is locked in place to prevent damaged in transit. Remove all locks as follows:

1 Press OPEN to open the CD cover.



2 Turn the two red transit locks clockwise and remove them.



3 Close the CD cover.
Save these transit locks in case you are moving it some distance.

Welcome!

Thank you for purchasing the Sony Mini Hi-Fi Component System. This series is packed with fun features. Here are just a few:

- BASS BOOST system that boosts low frequency range audio provide deep, powerful bass sound
- A preset feature that lets you store and recall up to 30 of your favorite radio stations
- A dual tape deck that lets you record from the radio, CD player or from the other tape deck and relay play from both decks
- A remote that lets you control your system from your seat

The MHC-G100 consists of the following things:
— Main unit : HCD-H100
— Speaker system : SS-G102

Table of Contents

Chapter 1: Setting Up

Connecting the Stereo 4
Inserting the Batteries 5

Chapter 2: the CD Player

Playing CDs (normal play) 6
Playing Tracks in Random Order (shuffle play) 7
Playing Tracks in the Desired Order (program play) 7
Playing Tracks Repeatedly (repeat play) 8
Playing only the Begining of each Track (misic scan) 8

Chapter 3: the Radio

Listening to the Radio 9
Presetting Radio Stations 9
Playing Preset Radio Stations 10

Chapter 4: the Tape Player

Playing a Tape 11
Recording a CD 11
Recording a CD: Specifying Track Order (program edit) 12
Recording From the Radio 12
Recording From Another Tape (dubbing) 12

Chapter 5: Sound Adjustment

Adjusting the Sound 13

For Your Information

Precautions 14
Troubleshooting Guide 14
Maintenance 15
Specifications 15
Index to Parts and Controls 16

Index 17

Chapter 1: Setting Up

Connecting the Stereo

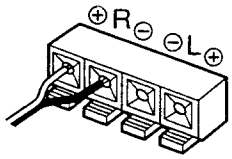
Inserting the Batteries

Connecting the Stereo

Use the illustrations below to connect your stereo.

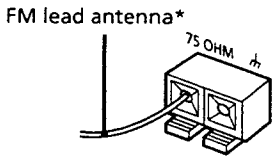
STEP 1 Connecting the Speakers

Connect the right speaker to the R connectors and the left speaker to the L connectors with the red cords to ⊕ and the black cords to ⊖.



STEP 2 Connecting the FM Antenna

This unit has a built-in AM bar antenna. Connect the supplied FM antenna only.



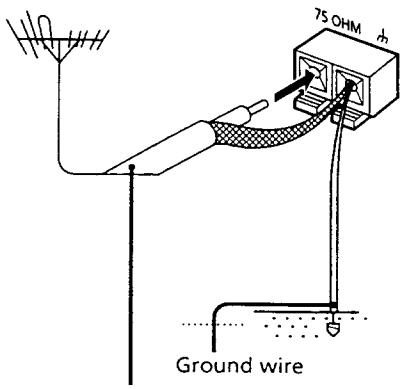
*Note : Extend it horizontally

To improve the FM reception

Connect an external FM antenna to the FM 75 OHM and ⏚ terminals, using a 75-ohm coaxial cable.

Important

Ground the external antenna from ⏚ terminal against lightning. To prevent a gas explosion, do not connect the ground wire to a gas pipe.

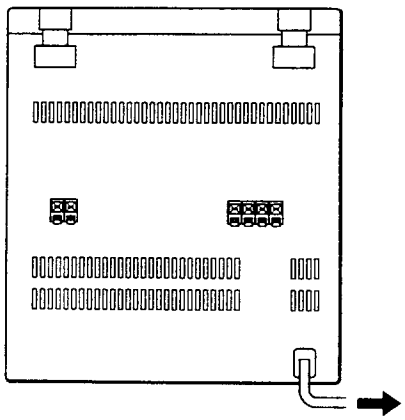


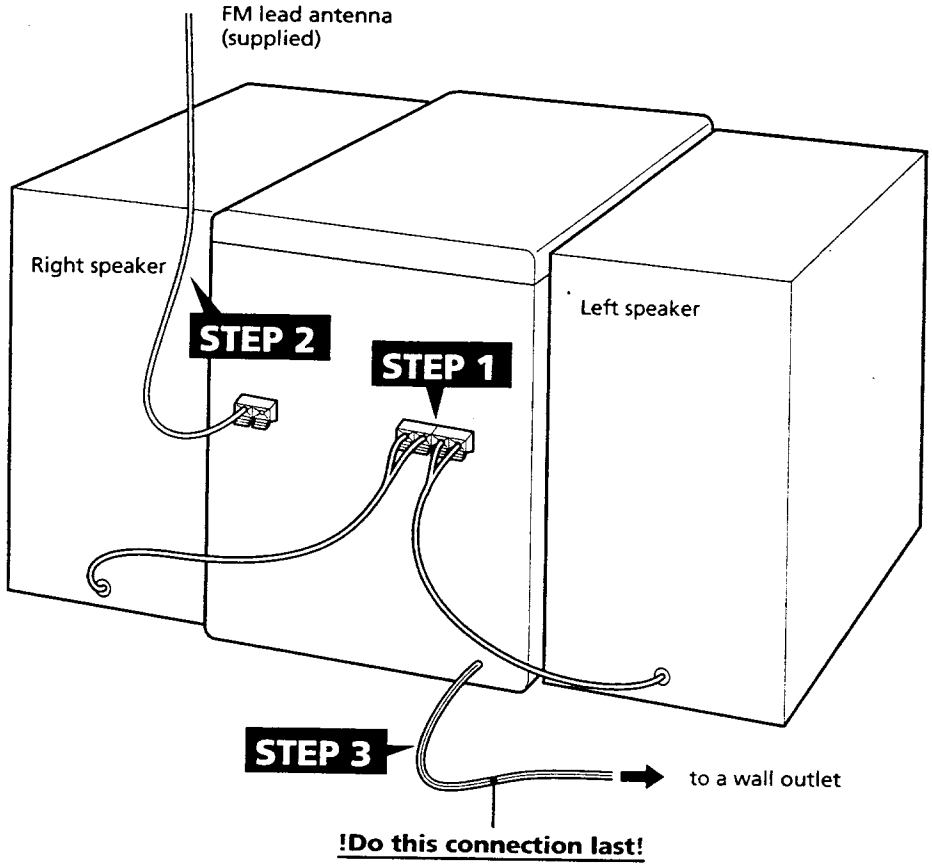
To improve the AM reception

If AM reception is weak, rotate or reposition the unit.

STEP 3 Connecting the Power

Connect the AC power cord to a wall outlet after you have made all the connections.

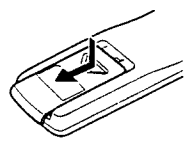




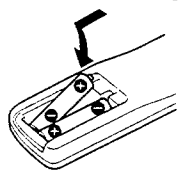
Inserting the Batteries

Insert two R03 (UM-4)/AAA (24F) batteries in the supplied remote for remote control.

1 Open the lid.



2 Insert two R03 (UM-4)/AAA (24F) batteries.
Match the + and – indications to the diagram in the battery compartment.



3 Close the lid.

Battery life
You can expect the remote to operate for about six months (using Sony R03 batteries) before the batteries run down. When the batteries no longer operate the remote, replace both batteries with new ones.

To avoid battery leakage
If you are not going to use the remote for a long time, remove the batteries to avoid damage caused by corrosion from battery leakage.

Chapter 2: the CD Player

Playing CDs (normal play)

Playing Tracks in Random Order (shuffle play)

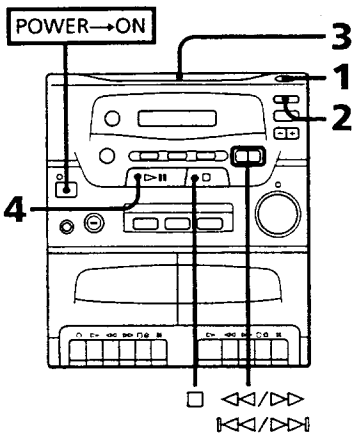
Playing Tracks in the Desired Order (program play)

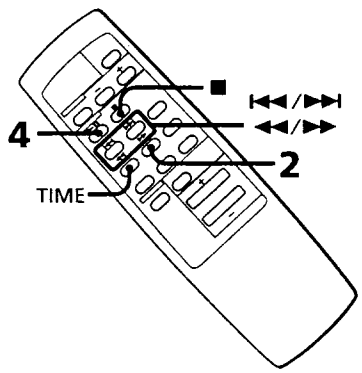
Playing Tracks Repeatedly (repeat play)

Playing only the Begining of each Track (music scan)

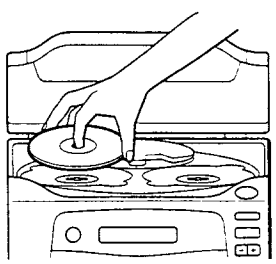
Playing CDs (normal play)

You can play all the tracks on up to three CDs consecutively in their original order (normal play). Before you play the CD, decrease the sound level by turning the VOLUME control counterclockwise, to prevent damage to the speakers.
Use the buttons on both the unit and the remote to do this operation.





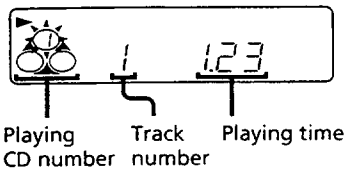
1 Press OPEN and place up to two CDs (with the label side facing up) on the disc tray.



2 Press DISC SKIP to place the third disc, if necessary.
The disc tray rotates so you can insert another CD.

3 Close the CD cover.

4 Press ▷II.
Play starts from the CD whose number flashes in the playing CD number indication.



To	Press
Stop play	□
Pause	▷II
Go forward to another track	During play or pause, press ⏭.
Go back to a previous track	During play or pause, press ⏮.
Select a particular CD	Press DISC SKIP repeatedly

To find a point in a track

You can find a particular point in a track while the track is playing or while it's in pause mode. Use the buttons on both the unit and the remote to do this operation.

To	Do this
Go forward quickly in a track	Press and hold down ⏭ (▷▷) and release it at the desired point.
Go backwards quickly in a track	Press and hold down ⏮ (◁◁) and release it at the desired point.
Search quickly without listening	Press ▷II, then press ⏮ (◁◁) or ⏭ (▷▷). Press ▷II again at the desired point.

To check the remaining time during play

Press TIME on the remote repeatedly. Each time you press TIME, the display changes as follows:

Playing time on current track
↓
Remaining time on current track
↓
Remaining time on current CD

One Touch Play feature

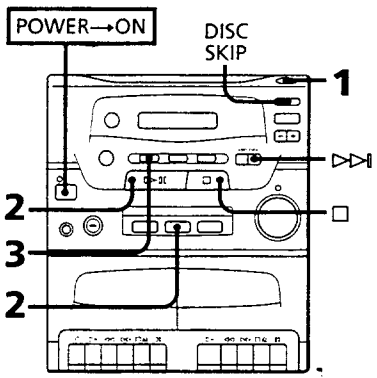
Press CD or ▷II on the unit when the power is off. When a CD is in the player, you can listen to the CD without pressing any other buttons.

Automatic Source Selection
If you are listening to other sound source, you can select the CD player just by pressing CD or ▷II on the unit.

If there is no CD in the player
" 0.0.0 " appears in the display.
Press OPEN and place the CD(s) on the disc tray.

Playing Tracks in Random Order (shuffle play)

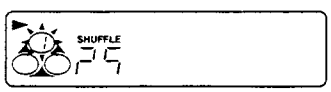
You can play all the tracks on a CD in random order.
Use the buttons on the unit to do this operation.



1 Press OPEN and place up to two CDs (with the label side facing up) on the disc tray.
Press DISC SKIP to place the third disc, if necessary.

2 Press CD or ▷II.
Playing time of the CD appears and the CD starts playing.

3 Press SHUFFLE.
"SHUFFLE" and " 25 " appear in the display and then all the tracks play in random order.



To stop shuffle play
Press □.

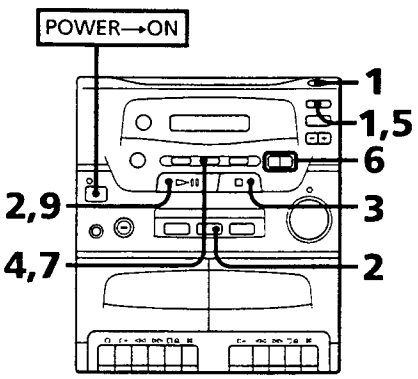
To cancel shuffle play
Press SHUFFLE until "SHUFFLE" disappears from the display. The tracks continue playing in their original order.

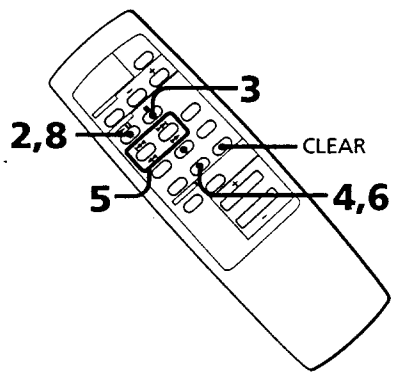
To select another CD
Press ▷▷I during shuffle play.

Note
You cannot select a CD even if you press DISC SKIP while shuffle play.

Playing Tracks in the Desired Order (program play)

You can make a program of up to 32 tracks from all the CDs in the order you want them to be played.
Use the buttons on both the unit and the remote to do this operation.



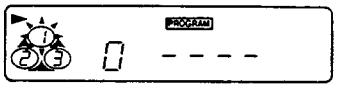


1 Press OPEN and place up to two CDs (with the label side facing up) on the disc tray.
Press DISC SKIP to place the third disc, if necessary.

2 Press CD or ▷II.
The CD starts playing.

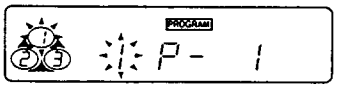
3 Press □ on the CD player to stop the CD playing.

4 Press PROGRAM.
"PROGRAM" appears in the display and disc number flashes for five seconds. If "PROGRAM" disappears, press PROGRAM again.

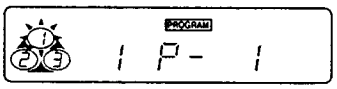


5 Press DISC SKIP to choose a CD.
The number of the CD appears in the display.

6 Press the I◁◁ or ▷▷I to choose a track.
The track number and the program number appears in the display for 10 seconds.



7 Press PROGRAM again.



8 To program additional tracks from the same CD, repeat steps 6 and 7.
To program additional tracks from another CD, repeat step 5 to 7.

9 Press ▷II.
All the tracks play in the order you choose.

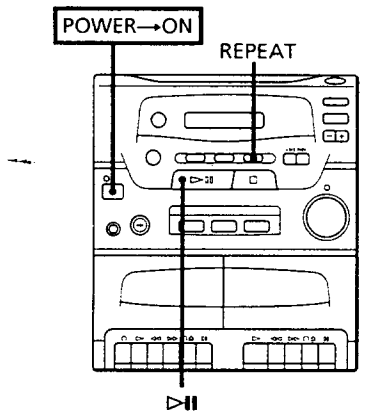
To	Press
Program a pause	▷II
Stop play	□
Cancel program play	□
Erase a track from the end	CLEAR on the remote in stop mode
Erase the entire program	□ for more than two seconds

To change the order of programmed tracks
Erase the entire program and create a new one.

Notes
- The program you made remains in the CD player even after it has been played. Press ▷II to play the same program again.
- If " FULL " appears instead of the total playing time during programming, this means
  - you have programmed a track number which exceeds 32.

Playing Tracks Repeatedly (repeat play)

The repeat play function repeats a single CD or all CDs in normal play, shuffle play and program play.
Use the buttons on the unit to do this operation.



Repeating all the tracks on a CD (in any play mode)

1 Press REPEAT repeatedly until "REPEAT DISC" appears in the display.
2 Press ▷II.

Playing mode	Tracks played
Normal play	Repeats all the tracks on a CD.
Shuffle play	All tracks on the CD are reshuffled.
Program play	Repeats all programs in their programmed order.

Repeating all the tracks on all CDs (in normal and program play only)

1 Press REPEAT until "REPEAT ALL DISCS" appears in the display.
2 Press ▷II.

Repeating a single track (in normal play only)

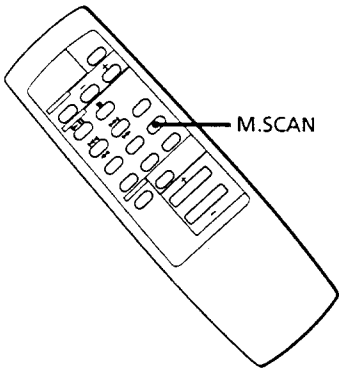
1 Press REPEAT until "REPEAT 1" appears in the display.
2 Press ▷II.

To cancel repeat play

Press REPEAT so that "REPEAT 1", "REPEAT DISC, or "REPEAT ALL DISC"" disappear from the display.

Playing only the Beginning of each Track (music scan)

The begining of each track on all the CDs in the CD tray play for 10 seconds.



Press M. SCAN on the remote.
Track number blinks during the scanning.

To cancel music scan

Press M.SCAN on the remote again.

Chapter 3: the Radio

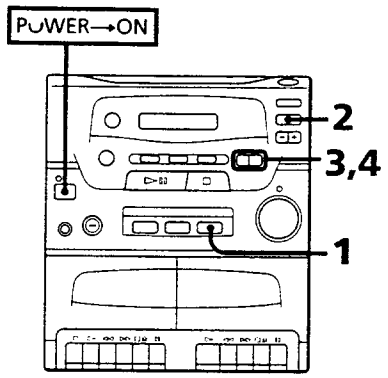
Listening to the Radio

Presetting Radio Stations

Playing Preset Radio Stations

Listening to the Radio

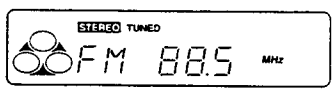
When you want to play a radio program, you can have the tuner automatically scan the radio frequencies and tune in the stations with clear signals. This feature saves you time in searching for stations with clear signals. However, stations with weak signals may be skipped by automatic tuning. Manually tune in the ones skipped by automatic tuning.



1 Press TUNER (or TUNER BAND on the remote).

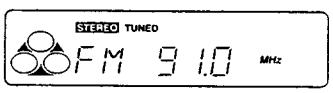
2 Press BAND repeatedly until the band you want appears in the display.
As you press these buttons, the band changes as follows:

FM ⟷ AM



3 Press and hold down TUNING + to scan a higher frequency station.
To tune in a lower frequency station, press and hold down TUNING –.

The tuner starts scanning radio frequencies, and stops automatically when it finds a clear station.
"TUNED" appears in the display.
"STEREO" also appears if the tuned FM station is broadcasting in stereo.



4 If you do not want to listen to the station selected, press and hold down TUNING + or – again to restart the scan.

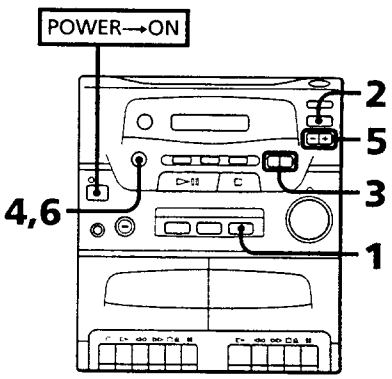
When the desired station is not tuned in
Automatic tuning may skip stations with a weak signals. Tune in the station manually. Press TUNING + or – repeatedly until the clear sound of the desired station is heard.

One Touch Play feature
Press TUNER on the unit when the power is off. You can listen to the last received station without pressing any other buttons.

Automatic Source Selection
If you press TUNER or BAND (or TUNER BAND on the remote) while you are listening to other sound source, the tuner is selected and the last received station plays automatically.

Presetting Radio Stations

You can store radio frequencies in the tuner's memory to tune in your favorite stations quickly. You can preset up to 30 stations.
Use the buttons on both the unit and the remote for presetting stations.



1 Press TUNER (or TUNER BAND on the remote).

2 Press BAND repeatedly until the band you want appears in the display.
As you press these buttons, the band changes as follows:

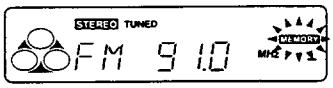
FM ⟷ AM

3 Press TUNING + or – to tune in the station you want to store.

continue to next page →

→ continued

4 Press MEMORY.
"MEMORY" flashes in the display.



5 Press PRESET + or – to select a desired memory number you want to set to the desired station while MEMORY is flashing.
The number you selected appears in the display.

6 Press MEMORY again.
MEMORY stops flashing and the station is stored at the preset channel number you have decided on.

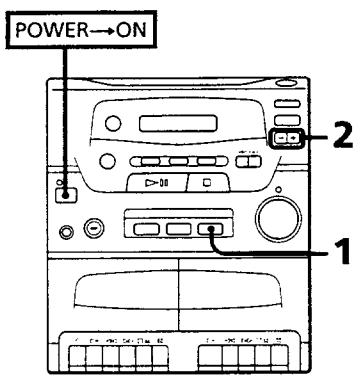
7 Repeat steps 2 to 6 for each station you want to store.

To erase a stored station
Store a new station at a previously used preset channel number. It will erase the old station and replace it with the new station.

If you have trouble storing a station or if you made a mistake
Repeat steps 1 to 7.

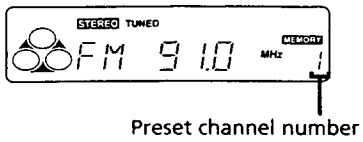
Playing Preset Radio Stations

Once you have preset the stations, use the PRESET + or – to quickly tune in your favorite stations.



1 Press TUNER (or TUNER BAND on the remote).

2 Press PRESET + or – to select a preset channel number.
The station frequency appears and the system begins receiving the stations.



Preset channel number

Note
You cannot memorize stations using the remote control.

Chapter 4: the Tape Player

Playing a Tape

Recording a CD

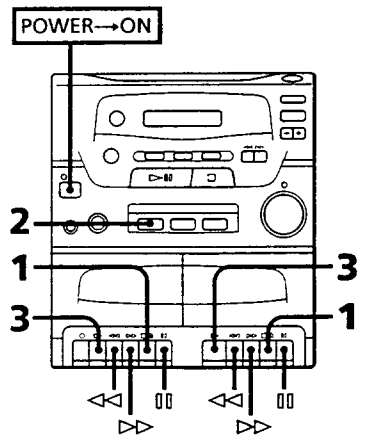
Recording a CD: Specifying Track Order (program edit)

Recording From the Radio

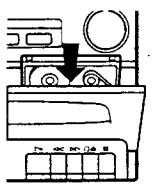
Recording From Another Tape (dubbing)

Playing a Tape

You can use TYPE I (normal) tape only.



1 Press □⏏ to open tape compartment. Insert a recorded tape in deck A or B with the tape side facing down and the side you want to play facing forward. Push to close the compartment.



2 Press TAPE.
"TAPE" appears in the display.

3 Press ▷.
The tape starts playing.

To	Press
Stop play	□⏏
Pause	▯▯
Resume play after pause	▯▯
Fast forward	▷▷ for front side ◁◁ for reverse side
Rewind	◁◁ for front side ▷▷ for reverse side
Remove the cassette	□⏏

To play both decks in succession (relay play)
You can listen to one side of the tapes in deck B and deck A in succession.
When the tape in deck B finishes playing, the tape in deck A starts playing.

1 Press □⏏ on deck B and insert the tape you want to listen to first in deck B.

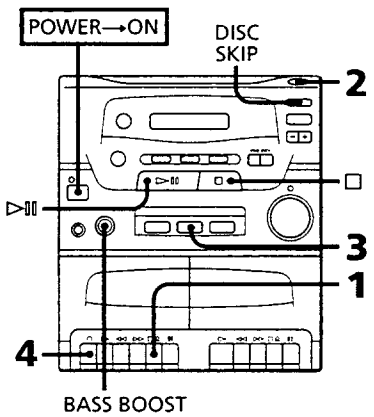
2 Press ▷ on deck B. The tape on deck B starts playback.

3 Press □⏏ on deck A and insert the tape you want to listen to the next in deck A.

4 Press ▯▯ and ▷ on deck A. The tape on deck A is paused and automatically released when the playback on deck B ends.

Recording a CD

You can record from a CD to a tape. Use TYPE I (normal) tape.
You cannot listen to other sources while recording.



1 Press □⏏ and insert a blank tape into deck A with the side you want to record on facing forward.
Recording will start from the front side of the tape.
Make sure the tabs on the cassette have not been removed.

2 Press OPEN and place up to two CDs (with the label side facing up) on the disc tray, and then close the cover.
Press DISC SKIP to place the third disc, if necessary.

3 Press CD.

4 Press O on deck A.
Recording starts.

To	Press
Stop recording	□⏏ on the tape player
Pause recording	▯▯
Stop CD play	□ on the CD player
Pause CD play	▷▯▯ on the CD player

continue to next page →

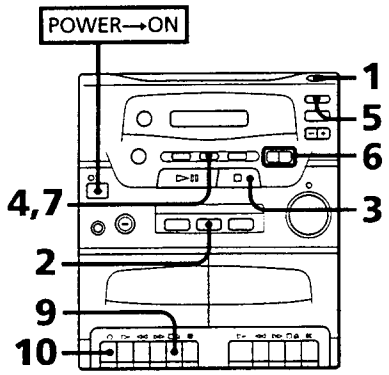
→ continued

Adjusting the volume or BASS BOOST will not affect the recording level

But these controls will change the sound levels you hear through the speakers or headphones.

Recording a CD: Specifying Track Order (program edit)

You can adjust the total recording time to the tape length while making a program.



1 Press OPEN and place up to two CDs (with the label side facing up) on the disc tray, and then close the cover.

2 Press CD (or ▷II on the remote).

3 Press □ to stop CD playing.

4 Press PROGRAM.
"PROGRAM" appears in the display.

5 Press DISC SKIP repeatedly until the desired disc number flashes.

6 Press I◁◁ or ▷▷I to choose a track.

7 Press PROGRAM.
The chosen track number and programmed number is displayed.

8 Repeat steps 4 to 7 to program the remaining tracks you want to record on side A in the order you want them to be recorded.

9 Press □⏏ and insert a blank tape into deck A with the side you want to record on facing forward.
Recording will start from the front side of the tape.
Make sure the tabs on the cassette have not been removed.

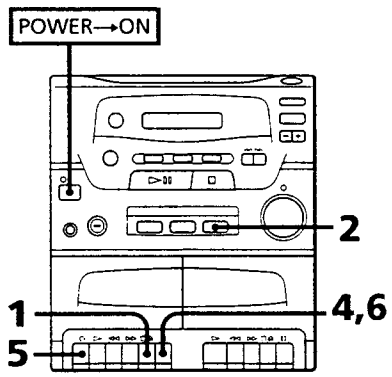
10 Press O on deck A.
Recording starts.

To stop recording
Press □⏏ on deck or press □ on the CD player.

To cancel program edit
Press PROGRAM until "PROGRAM" disappears from the display.

Recording From the Radio

You can record from the tuner onto a tape. Use TYPE I (normal) tape.



1 Press □⏏ and insert a blank tape into deck A with the side you want to record on facing forward.
Recording starts from the front side of the tape.
Make sure the tabs on the cassette have not been removed.

2 Press TUNER.

3 Tune in a radio until the desired radio stations appears.

4 Press II on deck A.

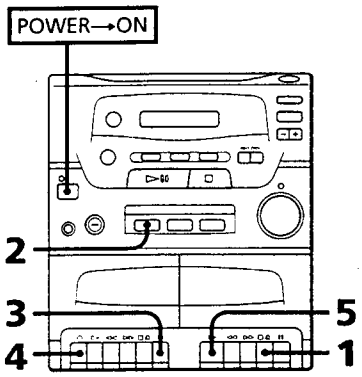
5 Press O.
Deck A stands by for recording.

6 Press II on deck A to release recording pause.
Recording starts.

To stop recording
Press □⏏ on the tape player.

Recording From Another Tape (dubbing)

When you want to dub only part of the tape, dub manually at normal speed. Use TYPE I (normal) tape for recording.



1 Press □⏏ and insert a recorded tape in deck B with the side you want to play facing forward.
Also, insert a blank tape in deck A with the side you want to record on facing forward.
Recording and playback start from the front side of the tape.
Make sure the tabs on the cassette in deck A have not been removed.

2 Press TAPE.
"TAPE" appears in the display.

3 Press II on deck A.

4 Press O on deck A.
Deck A stands by for recording.

5 Press ▷ on deck B.
The tape starts dubbing.

To stop recording
Press □⏏ on deck A and B.

Note

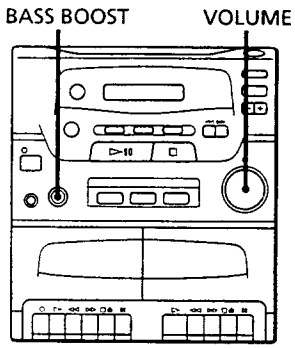
- When the dubbing starts, you can listen to the another source.

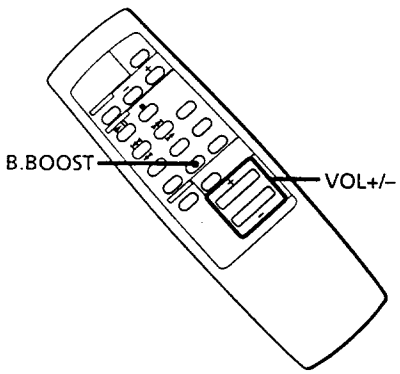
Chapter 5: Sound Adjustment

Adjusting the Sound

Adjusting the Sound

To fully enjoy the sound coming from your stereo system, make the following audio adjustments.





To adjust the volume
Turn VOLUME on the unit or press VOL (+/–) on the remote.

To reinforce bass
Press BASS BOOST (or B. BOOST on the remote).
BASS BOOST indicator lights and B-BOOST appears in the display.

To listen through the headphones
Connect the headphones to PHONES jack. No sound will come from the speakers.

For Your Information

Precautions

Troubleshooting Guide

Maintenance

Specifications

Index to Parts and Controls

Index

Precautions

If you have any questions or problems concerning your stereo system, please consult your nearest Sony dealer.

On safety

- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.
- Unplug the system from the AC power outlet if it is not to be used for an extended period of time. To disconnect the AC power cord, pull it out by the plug. Never pull the cord itself.
- Should any solid object or liquid fall into the component, unplug the stereo system and have the component checked by qualified personnel before operating it any further.
- AC power cord must be changed only at the qualified service shop.

On installation

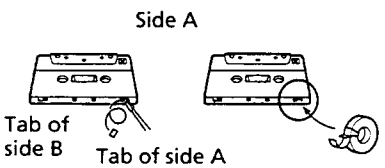
Place the stereo system in a location with adequate ventilation to prevent heat build-up in the stereo system.

On condensation in the CD player component

If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the CD player. Should this occur, the CD player will not operate. Remove the CD and leave the system turned on for about an hour until the moisture evaporates.

To save a tape permanently

To prevent a tape from being accidentally recorded over, break off the cassette tab from side A or B as illustrated. If you later want to reuse the tape for recording, cover the broken tab with adhesive tape.



Troubleshooting Guide

If you run into any problem using this stereo system, use the following check list. And first check the following points:

- The power cord is connected firmly.
- The speakers are connected correctly and firmly.

Should any problem persist after you have made the checks below, consult your nearest Sony dealer.

Tuner

"TUNED" flashes in the display.

→ Adjust the FM antenna.

"STEREO" flashes in the display.

→ Adjust the antenna.

Severe hum or noise.

→ Adjust the antenna.
→ The signal strength is too weak. Connect the external antenna.
→ Connect the ground wire.

Tape Player

The tape does not record.

→ No tape in the cassette holder.
→ The tab has been removed from the cassette.
→ The tape has reeled to the end.

The tape does not record nor playback or there is a decrease in sound level.

→ The heads are dirty. Clean them.*
→ Magnetic deposits have built-up on the record/playback heads.*

There is excessive wow or flutter, or the sound drops out.

→ The capstans or pinch rollers are contaminated.*

The tape does not erase completely.

→ Magnetic deposits have built-up on the record/playback heads.*

Noise increases or the high frequencies are erased.

→ Magnetic deposits have built-up on the record/playback heads.*

* See "Maintenance."

CD Player

The CD will not play.

→ The CD is dirty.
→ The CD is inserted label side down.
→ The player is in pause mode.
→ Moisture condensation has built up.
Leave the system turned on for about an hour until the moisture evaporates.

" 0.00 " is displayed.

→ There is no CD in the player.

Play does not start from the first track.

→ The player is in program, shuffle or repeat mode.
Press □ on the CD player so that "PROGRAM" goes out.
Press SHUFFLE so that "SHUFFLE" goes out and REPEAT so that "REPEAT 1", "REPEAT DISC" or "REPEAT ALL DISCS" goes out.

General

There is no sound.

→ Rotate VOLUME clockwise.
→ The headphones are connected. Disconnect them.

Sound comes from one channel or unbalanced left and right volume.

→ Check the speaker connections of the inoperative channel.

The left and right sound are reversed.

→ Check the speaker connection and speaker placement.

Bass is lacking or the location of the musical instruments is apparently imprecise.

→ Check the speaker connection for proper phasing.

There is severe hum or noise.

→ A TV or VCR is too close to the stereo system. Move the stereo system away from the TV or VCR.

The remote does not function.

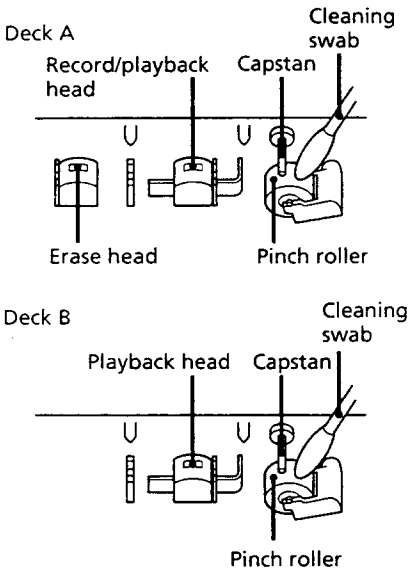
→ The batteries have run down. Replace both batteries.
→ There is an obstacle between the remote and the system. Remove the obstacle.

Maintenance

To clean the tape heads and tape path

Contaminated tape heads cause poor recording or sound drop-out in playback. We recommend cleaning after every 10 hours of operation.

Open the tape compartment and wipe the heads, the pinch rollers and the capstans with a cleaning swab slightly moistened with cleaning fluid or alcohol. Wipe the parts shown below:



Insert a tape when the areas cleaned are completely dry.

To demagnetize the tape heads

After 20 to 30 hours of use, enough residual magnetism will have built up on the heads to begin to cause loss of high frequencies and hiss. At this time, demagnetize the heads and all metal parts in the tape path with a commercially available tape head demagnetizer. Refer to the instructions of the demagnetizer.

To clean the cabinet

Use a soft cloth slightly moistened with mild detergent solution.

To clean the CD

When a CD is dirty, clean it with a cleaning cloth. Wipe the CD from the center out.

Notes on CD

- Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for vinyl LPs.
- If there is a scratch, dirt or fingerprints on the CD, it may cause a tracking error.

Specifications

For the U.S. model
AUDIO POWER SPECIFICATIONS
POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 8 ohms loads, both channels driven, from 70-20,000 Hz; rated 4 watts per channel minimum RMS power, with no more than 0.9 % total harmonic distortion from 250 milliwatts to rated output.

CD player section

System	Compact disc digital audio system
Laser	Semiconductor laser
Laser output	Max. 44.6 uW* *This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.
Wavelength	780 – 790 nm
Frequency response	2 Hz – 20 kHz (±0.5 dB)

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range	87.5 – 108.0 MHz
Antenna	FM lead antenna
Antenna terminals	75 ohm unbalanced
Intermediate frequency	10.7 MHz

AM tuner section

Tuning range	530 – 1,710 kHz (with the tuning interval set at 10 kHz)
Intermediate frequency	450 kHz

continue to next page →

→ continued

Amplifier section

Continuous RMS power output
5 W + 5 W (8 ohms at 1 kHz, 10 % THD)
Outputs
PHONES (stereo phone jack): accepts headphones of 8 ohms or more.
SPEAKER: accepts impedance of 8 to 16 ohms.

Tape player section

Recording system 4-track 2-channel stereo
Frequency response
60 – 13,000 Hz (±3 dB), using Sony TYPE I cassette
Wow and flutter 0.1% WRMS ±0.3% (DIN)

Speaker

SS-G102

Speaker system 2-way bass-reflex type
Speaker units
Woofer: 12 cm dia., cone type
Super Tweeter: 2 cm dia., PIEZO type
Nominal impedance
8 ohms
Dimensions Approx. 200 × 305 × 195 mm ($7\,^{7}/_{8} \times 12\,^{1}/_{8} \times 7\,^{3}/_{4}$ in) (w/h/d)
Mass Approx. 2.3 kg (4 lb 14 oz) net per speaker

Supplied accessories

Remote RM-SG10 (1)
FM lead antenna (1)

General

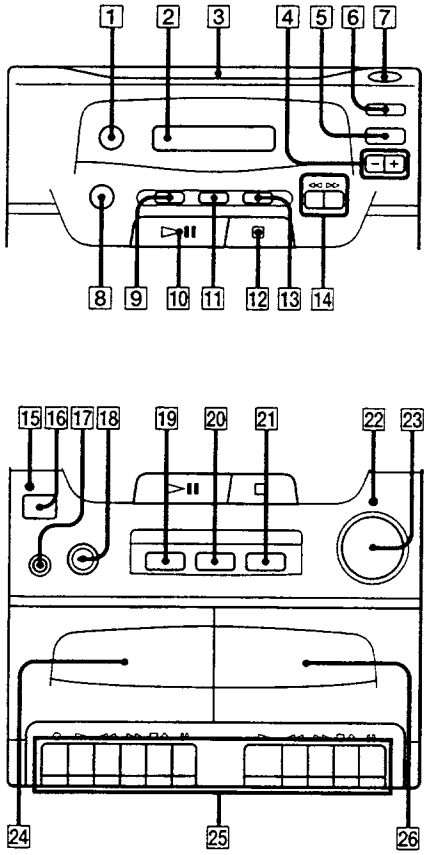
Power requirements
120 V AC, 60 Hz
Power consumption
50 watts
Dimensions
Approx. 275 × 312 × 332 mm ($10\,^{7}/_{8} \times 12\,^{3}/_{8} \times 13\,^{1}/_{8}$ in)(w/h/d) incl. projecting parts and controls
Mass
Approx. 5 kg (11 lb)

Design and specifications are subject to change without notice.

Index to Parts and Controls

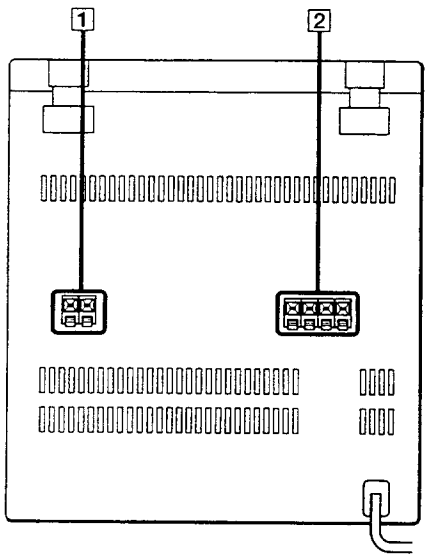
Refer to the pages indicated in parentheses for details on how to use the controls.

Front Panel



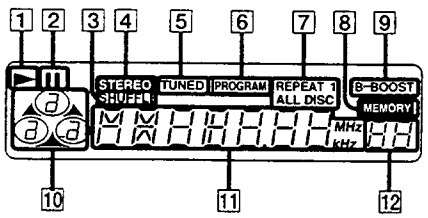
1 Remote Sensor
2 Display
3 CD cover (6)
4 PRESET −/+ button (10)
5 BAND button (9)
6 DISC SKIP button (6)
7 OPEN button (2, 6)
8 MEMORY button (10)
9 SHUFFLE button (7)
10 ▷II (play/pause) button (6)
11 PROGRAM button (7)
12 □ (stop) button (6)
13 REPEAT button (8)
14 – TUNING + / ◁◁/▷▷ / I◁◁/▷▷I buttons (6, 9, 11)
15 ON/STANDBY indicator
16 POWER button (6)
17 PHONES jack (13)
18 BASS BOOST button and indicator (13)
19 TAPE button (11)
20 CD button (6)
21 TUNER button (9)
22 Volume indicator
23 VOLUME control (13)
24 Deck A (11)
25 Tape operating buttons
○ (recording) (for deck A only) (12)
▷ (play) (11)
◁◁ (fast rewind) (11)
▷▷ (fast forward) (11)
□⏏ (stop/eject) (11)
II (pause) (11)
26 Deck B (11)

Rear panel



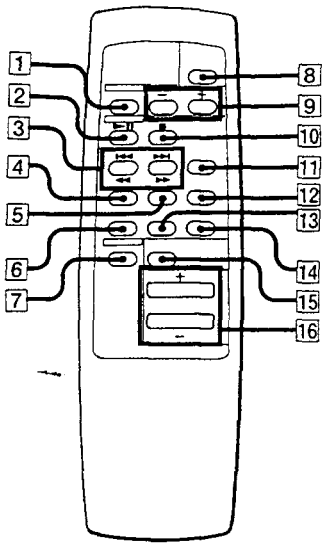
1 FM ANTENNA terminals (4)
2 SPEAKER L/R connectors (4)

Display Window



1 ► (play) indicator
2 II (pause) indicator
3 SHUFFLE indicator (7)
4 STEREO indicator (9)
5 TUNED indicator (9)
6 PROGRAM indicator (7)
7 REPEAT indicators (8)
8 MEMORY indicator (10)
9 B-BOOST indicator (13)
10 Disc tray indicator (6)
11 Multi display (6, 9, 10)
12 Preset number indicators (10)

Remote



1 TUNER BAND button (9)
2 ▷II button (6)
3 ⏮/⏭ (AMS)* / ◀◀/▶▶ / (fast rewind/fast forward) buttons (6)
4 TIME button (6)
5 DISC SKIP button (6)
6 SHUFFLE button (7)
7 TAPE button (11)
8 POWER button (6)
9 PRESET –/+ buttons (10)
10 ■ (stop) button (6)
11 REPEAT button (8)
12 M. SCAN button (8)
13 PROGRAM button (7)
14 CLEAR button (7)
15 B. BOOST button (13)
16 VOL –/+ buttons (13)

*Automatic Music Sensor

Index

Adjusting
  the sound 13
  the volume 13
Antennas 4
Batteries 5
CD player 6
Connecting
  the antennnas 4
  the power 4
  the speakers 4
  the stereo 4
Dubbing 12
Maintenance 15
Music scan 8
Normal play 6
One touch play 6, 9
Parts identification 16
Playing
  a tape 11
  CDs (normal play) 6
  the begining of each track (music scan) 8
  preset radio stations 10
  tracks in random order (shuffle play) 7
  tracks in the desired order (program play) 7
  tracks repeatedly (repeat play) 8
Precautions 14
Program play 7
Radio stations
  presetting 10
  tuning in 9
Recording
  a CD 11
  a CD (program edit) 12
  a radio 12
  another tape (dubbing) 12
Relay play 11
Repeat play 8
Saving a recording 14
Shuffle play 7
Sound adjusting 13
Speakers 4
Specifications 15
Supplied accessories 16
Tape player 11
Troubleshooting guide 14
Tuner 9